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(19) **United States**(12) **Patent Application Publication****Pance et al.**(10) **Pub. No.: US 2017/0147087 A1**(43) **Pub. Date: May 25, 2017**(54) **HOUSING AS AN I/O DEVICE****G06F 3/044** (2006.01)**G06F 1/16** (2006.01)**G06F 3/01** (2006.01)(71) Applicant: **Apple Inc.**, Cupertino, CA (US)(72) Inventors: **Aleksandar Pance**, Saratoga, CA (US);  
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**G06F 3/03547** (2013.01)(21) Appl. No.: **15/423,437**(22) Filed: **Feb. 2, 2017****Related U.S. Application Data**(63) Continuation of application No. 14/181,516, filed on  
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**ABSTRACT**

There are provided systems, devices and methods for operating a housing for an electronic device as an input/output (I/O) device. In one embodiment, an electronic device includes a housing configured to function as an integrated housing and I/O device and one or more sensors obscured by a panel of the housing. The one or more sensors being configured to sense via the panel of the housing. The electronic device further includes a processing unit communicatively coupled to the one or more sensors and configured to interpret electrical signals generated by the one or more sensors. One or more output devices are communicatively coupled to the processing unit and configured to provide an output in response to the one or more sensors generating an electrical signal.

